

**COMPLETE CLAIM SET**

1. (Previously Presented) A method of determining a sympathetic tone including the steps of:

measuring an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-neutral points;

measuring an applied stimulation at the same threshold value in one or more sympathetic tone-dependent points; and

comparing a value of the measured applied stimulation in one of the one or more sympathetic tone-dependent points with a value of the measured applied stimulation in one of the one or more sympathetic tone-neutral points so as to determine the sympathetic tone.

2. (Previously Presented) The method according to claim 1, wherein the applied stimulation is provided by an applied mechanical stimulation.

3. (Previously Presented) The method according to claim 2, wherein the applied mechanical stimulation is provided by an applied compressive force.

4. (Previously Presented) The method according to claim 1, wherein the applied stimulation is provided by an applied thermal stimulation.

5. (Previously Presented) The method according to claim 4, wherein the applied thermal stimulation is provided by an applied heat or cold source.

6. (Previously Presented) The method according to claim 1, wherein the applied stimulation is provided by an applied radiation.

7. (Previously Presented) The method according to claim 6, wherein the applied radiation is provided by an applied infrared, visible and/or ultraviolet light or combined spectra thereof.

8. (Previously Presented) The method according to claim 1, wherein the applied stimulation is provided by an applied chemical stimulation.

9. (Previously Presented) The method according to claim 8, wherein the applied chemical stimulation is provided by an applied organic or inorganic compound.

10. (Previously Presented) The method according to any one of the preceding claims, wherein the determination is performed by a system for measuring the applied stimulation.

11. (Previously Presented) The method according to claim 1, wherein the measuring of an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-neutral points is carried out anteriorly on the upper side of the clavicle and/or posteriorly on the spinal column corresponding to TH 10-11.

12. (Previously Presented) The method according to claim 1, wherein the measuring of an applied stimulation at a threshold value of the stimulation is carried out in one or more

sympathetic tone-dependent points at one or more locations on the skin which innervationally correspond to the nerve supply to the heart of the sympathetic nervous system.

13. (Previously Presented) The method according to claim 1, wherein the measuring of an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-dependent points is carried out in one or more of the points: C.V. 17 in the middle of the sternum and/or St 18 between two ribs below the nipple and/or Per 1 between the nipple and the anterior axillary fold and/or on the spinal column corresponding to TH 3-6, where the most sore point of the said points are chosen.

14-43. (Cancelled)

44. (Previously Presented) A method of use of a system for applying and measuring a stimulation for determining a sympathetic tone including the steps of:

measuring an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-neutral points;

measuring an applied stimulation at the same threshold value of the stimulation in one or more sympathetic tone-dependent points; and

comparing a value of the measured applied stimulation in one of the one or more sympathetic tone-dependent points with a value of the measured applied stimulation in one of the one or more sympathetic tone-neutral points so as to determine the sympathetic tone.

45. (Previously Presented) The method according to claim 44, wherein the measuring of an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-neutral points is carried out on the upper side of the clavicle and/or on the spinal column corresponding to TH 10-11.

46. (Previously Presented) The method according to claim 44 or 45, wherein the measuring of an applied stimulation at a threshold value of the stimulation is carried out at one or more points on the skin, said points innervationally corresponding to the nerve supply to the heart from the sympathetic nervous system.

47. (Previously Presented) The method according to claim 44, wherein the measuring of an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-dependent points is carried out in one or more of the points: C.V. 17 in the middle of the sternum and/or St 18 between two ribs below the nipple and/or Per 1 between the nipple and the anterior requirement and/or on the spinal column corresponding to TH 3-6, where the most sore point of the said points is chosen.

48. (Cancelled)

49. (Previously Presented) The method according to claim 1, wherein the threshold value of stimulation is a threshold value at which the stimulation is perceived as pain.

50. (Previously Presented) The method according to claim 44, wherein the threshold value of stimulation is a threshold value at which the stimulation is perceived as pain.